

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : To Be Assigned Confirmation No. :  
First Named Inventor : Toshiaki MAEDA  
Filed : Concurrently Herewith  
TC/A.U. : To Be Assigned  
Examiner : To Be Assigned

Docket No. : 038920.56379US  
Customer No. : 23911

Title : Rolling Bearing Unit with Encoder and Its  
Manufacturing Method

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

**STATEMENT OF RELEVANCE**

The relevance of references A1 and B1-B3 to the subject matter of the present invention is given in the Background of the Invention in the specification of the present invention.

**CONCISE EXPLANATION OF NON-ENGLISH LANGUAGE  
DOCUMENTS**

English abstract summarizing the disclosures of the publications are submitted herewith.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding foreign Search Report citing such documents, together with an English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

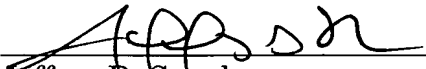
The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, the paper should be considered as a petition for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(d)(1) and that the petition fee set forth in 37 C.F.R. § 1.17(p) in accordance with 37 C.F.R. § 1.97(d)(2) should be charged to Deposit Account 05-1323, Attorney Docket No.: 038920.56379US.

Respectfully submitted,

May 27, 2005

  
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Substitute for form 1449A/PTO  <h3 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h3> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>			<b>Complete if Known</b>	
			Application Number	To Be Assigned
			Filing Date	Concurrently Herewith
			First Named Inventor	Toshiaki MAEDA
			Art Unit	To Be Assigned
			Examiner Name	To Be Assigned
			Attorney Docket Number	038920.56379US

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number <small>Number-Kind Code<sup>2</sup> (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- 4,948,277	8/14/1990	Alff	
	A2	US- 2001/0030533	10/18/2001	Iwamoto et al.	
	A3	US- 5,583,431	12/10/1996	Ouchi et al.	
	A4	US- 5,975,761	11/2/1999	Ouchi et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document <small>Country Code<sup>3</sup>-Number<sup>4</sup>-Kind Code<sup>5</sup> (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1	JP 6-281018	10/7/1994	S N R Le Ruman		
	B2	JP 9-203415	8/5/1997	Nippon Seiko KK		
	B3	JP 11-23596	1/29/1999	NSK Ltd.		
	B4	JP 2002-318239	10/31/2002	NTN Toyo Bearing Co., Ltd.		
	B5	JP 1-234621	9/19/1989	Chubu Electric Power; Chubu Seiki KK; Meidensha Electric MFG Co., Ltd.		
	B6	JP 2001-242187	9/7/2001	NTN Toyo Bearing Co. Ltd.		
	B7	EP 1 130 362	9/5/2001	NTN Corporation		
	B8	JP 2002-365303	12/18/2002	NSK Ltd.		
	B9	JP 8-211081	8/20/1996	Nippon Seiko KK		
	B10	EP 0 693 689	10/24/2001	NSK Ltd.		
	B11	KR 165925	3/20/1999	Japan Steel Works Ltd.		
	B12	EP 0 869 365	3/31/1998	NSK Ltd.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

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**Concurrently Herewith**

Toshiaki MAEDA

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Examiner  
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No.<sup>1</sup> $\tau^2$ 

**C1**

**International Search Report PCT/JP2004/008193, dated October 12, 2004.**

Examiner  
Signature

Date \_\_\_\_\_

**Considered**

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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